

## Message Text

UNCLASSIFIED

PAGE 01 TOKYO 01742 050642Z

14

ACTION EA-09

INFO OCT-01 ISO-00 ACDA-10 CIAE-00 DODE-00 PM-04 INR-07

L-03 NSAE-00 NASA-02 NSC-05 OES-05 /046 W

----- 058900

R 050542Z FEB 76

FM AMEMBASSY TOKYO

TO SECSTATE WASHDC 6668

UNCLAS TOKYO 1742

DEPT PASS TO NASA

E.O. 11652: N/A

TAGS: TSPA, JA

SUBJECT: TOKYO UNIVERSITY FAILS IN ROCKET LAUNCHING

1. INSTITUTE OF SPACE AND AERONAUTICAL SCIENCE (ISAS), UNIVERSITY OF TOKYO, FAILED IN SCIENTIFIC SATELLITE EXPERIMENT FEBRUARY 4, DISAPPOINTING PROF. ODA AND OTHER UNIVERSITY SCIENTISTS WHO HAD EXPECTED SCIENTIFIC SATELLITE NO. 4 (COSA) TO OBSERVE COSMIC X-RAYS AND COSMIC HEAVY PRIMARY PARTICLES.

2. FAILURE ATTRIBUTED TO MALFUNCTION OF "IMPROVED" ATTITUDE CONTROL DEVICE INSTALLED ON SECOND STAGE OF THE THREE-STAGE MU 3C3 ROCKET WHICH WAS SUPPOSED TO PLACE 86 KG SATELLITE INTO ORBIT. MALFUNCTION OF DEVICE MADE IT IMPOSSIBLE TO MAINTAIN SECOND-STAGE ROCKET AT REQUIRED ATTITUDE, AND TELEMETRY SIGNAL FOR IGNITION OF THIRD STAGE WAS NOT SENT. LAUNCH VEHICLE IMPACTED SEA SURFACE ABOUT FOUR MINUTES AFTER FIRING AFTER REACHING HEIGHT OF 80 KM.

3. ISAS STARTED SCIENTIFIC SATELLITE PROGRAM IN 1966. AFTER SUFFERING FOUR CONSECUTIVE LAUNCH FAILURES, IT SUCCEEDED IN ORBITING ITS FIRST SATELLITE IN FEBRUARY 1970. FAILURE AGAIN OCCURRED IN SEPTEMBER 1970, BUT SINCE 1971 UNIVERSITY HAD SUCCESSFULLY ORBITED FIVE SATELLITES IN ROW.  
HODGSON

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## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01 JAN 1994  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** ROCKETS, SATELLITES, SPACE PROGRAMS  
**Control Number:** n/a  
**Copy:** SINGLE  
**Draft Date:** 05 FEB 1976  
**Decaption Date:** 01 JAN 1960  
**Decaption Note:**  
**Disposition Action:** n/a  
**Disposition Approved on Date:**  
**Disposition Authority:** n/a  
**Disposition Case Number:** n/a  
**Disposition Comment:**  
**Disposition Date:** 01 JAN 1960  
**Disposition Event:**  
**Disposition History:** n/a  
**Disposition Reason:**  
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**Executive Order:** N/A  
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**Office:** ACTION EA  
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**Reference:** n/a  
**Review Action:** RELEASED, APPROVED  
**Review Authority:** blochd0  
**Review Comment:** n/a  
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**Review Date:** 17 JUN 2004  
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**Review Transfer Date:**  
**Review Withdrawn Fields:** n/a  
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**Subject:** TOKYO UNIVERSITY FAILS IN ROCKET LAUNCHING  
**TAGS:** TSPA, JA, ISAS, UNIVERSITY OF TOKYO  
**To:** STATE  
**Type:** TE  
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